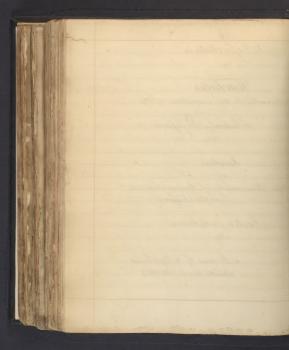
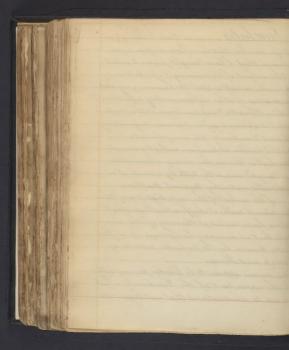
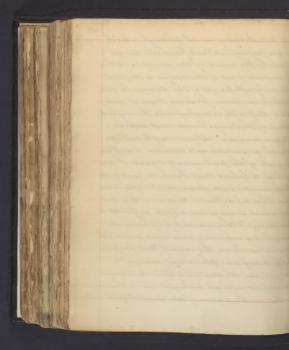
Difsertation Sachitis Submitted to the inspection of the Medical Professors The University of Gennsylvania for the Segue of Doctor of Medicine Amos & Mathias admitted March 16th 1022



Truchelis is a name, that I have chosen out of a number, that have been confine upon a discuse that I have thought proper to select as the subject of the enoung Defoulation. Ito bevity, as well as its better harmonizing with the mames of other inflammatory affections, such as Phrenetis & cappear to give it this prefer conce, Vit appear to go far towards designating the reat I nature of the complaint. My Dr. Cullen it has been called Cynanche Trachealis, and so far asmy observation has taught me, withe title by which it is generally noticedby medical authors. One of the earliest of the investigators of this complaint, called it Suffication Strictula; & others have called it Herrisy of the wine pipe but in common language it is far better known by the popular names of Croup and Hoves. This disease, appears to be located principally in the upper part of the Tracker, by which we are to undervland that cartilaginous

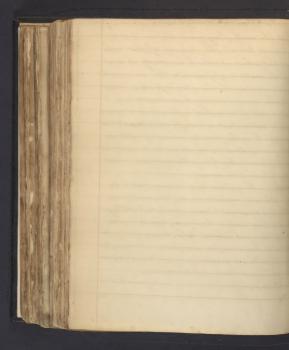


and membranous canal, through which the air paper into Yout from the lungs known by the name of windpipe. Althor the superior part of the Tracken, is the part primarily affected, yet if the disease be per mitted to continue for some time, it may extend itself to the Bronchiae Vinto the very out. stance of the lungs, Junder such circum stances, mucus o phlegm, may be collected in wich quantities, as to occasion a suffora led state of the pulmonary organs. I am inclined to believe that Trachetis is very cor welly divided into examodic & inflamma tong. There are different throws on this sub: jet, which to me is not a little deficult to harmonize, I they are no leso so because several very ingenious men have expatiated very coprously on this embject But conform ably to my own theoretical view, after having read the opinions of some authors on the subject with an unbiafed mins, Thaving wolved on the nature of the complaint



Shind the scale of my mind disposed to pre ponderate toward the opinion of those who vay that where it attacks suddenly it must be of the nature of spason, a there are su machs of inflammation observed upon defortion where death has occured under such circumstances. But it also appears that inflammation is some times a concornitant, as proved by defrections. I which may also be infered from the causes y symptoms of the disease. But whether the disease be sparmed wo inflammatory, I fancy the beatment must be pretty much the vame! VILLOW, The application of cold as upposed to be one of the most prequent vources of this complains.

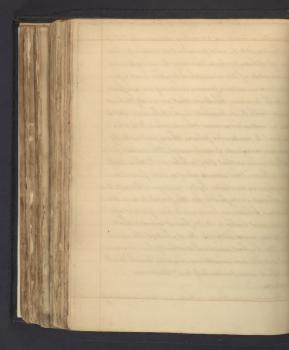
we of the most request vaccess of this complaint, have it is mast upt to occur in winter & opining, caused this indicate fever may also be product the ofthis it has been known to accompany as will as vacces must product you meaulaste. However, ing the alimentary canal are mentioned as some times being productive of this disease. It am in put ing the alimentary canal are mentioned as some times being productive of this disease.



wrepresented as sometimes prevailing epidemically & I have known it to be more prevalent at certain periods than at other, perhaps this may be owing to some houling state of the atmosphere, together with a pre disposition in certain persons, rendering an acception mon liable to occur. Children that are under Frobust ou most liable to it. Truchitis is said to be more aft to own, in situations near the sea shore, & is also indemial to particular places, this is particularly mentioned as regards Edenborough, the disease being haully known in that bity whilst at Lith a bille reaport Town, that stands about a mile from Eden borough, is so desoluted by the ravages of brougs, that it is almost impossible for the people to raise their children . Children from one to five years of age are the most liable to it. We find it recorded that udully are never attacked by it, but at the same time, the highest medical authority, bear evidence that adults are sometimes seized by Trachetis, I here allude more particularly to I' Chapman

Symptoms

Trachela, in sometimes where in very suddenly



and with much violence, but more commonly it comes on in the quise of a common cols; The symp Some are generally describer as jollows of, a day or two hierious to an attack of this disease. the child appears drowry inactive & prested the eyes are vonutimes ouffered Theavy there is a coughthat from the hist has a reculiar whill sound, this after sometime, becomes more violent & trouble. some Hikewise more shull over it of cough. ung agitales the patient very much the face is Hustred I vevelled the eyes are protouberent a general tremor takes place I there is a kini of convertieve indeavour le renew respiration at the close of each fet, is the disease usevanes a constant difficulty of breathing takes place allen dis with a swelling of the londe, weels I velum pendection palate, I the hear is thrown back in the agony of enderrowing to weaper outlocation, basides the vound produces by the cough, we fine respection to altender with a hipsing now, as if the Frachen were stopped up with some light springy substance. The court is generally dry but if any thing is spit with it has either



a juntent appearance, or vamo to consiste; filmo rosem. ding fortens of membrane; when great weresen inwaits with guound retchings congulated mutte of the vanu nature is brought up, with these significans there is quent himst & sense of heat over the whole bedy, an inclination to change from place to place nothe posuf ! Luquency of pulse Finally, respiration becomes mon stredutoras, I w performe with still quale dig. quantity our to some degree of spasmodic a fection. some repeter at longer periods I wish greater exections untit at last it come intente. In one can I vaco death appear to occur from a coliction of phligm to bung detate hie by coughing, he feature! being weather a year it otunivelation, attended with a convulsive of fort put a speedy termination to the little outferes visitenezel also ferens talat by shusm affections the gietter; but where it tamenales in health, i w by weliteon of the inflammation, by a cepation of the Susmer by a few expectoration of the matter ending from the tracker, or of the cres to former them The unfavourable organitations are considerable in facilty of butthing great anxiety, veolent fewer

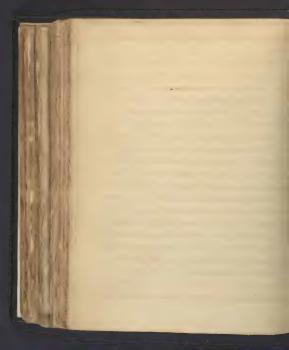


new Sectoration the voice becoming mon South the livered in vone instances news prever fulat within wenter trees hours at other homes it has our a course Sound days. Jones ware it protinites for several days, veme who, naveno bun oblaine by pur ming to the Theoreman then seft the discur to cour cheefout. the shilo continues; or near a week, hara fore, with a very nouse course tell attength a sudden relapse look were Ta sudden de pointion was the i oue. Lipidum, we are lote, herent the collowing appearan w, : woted thick mutter resembling muces, In I what tigre of inflammation. 3. I mumbrane, resembling that which follows in : Hummation of the pleases and bowels, former of the conquiate by min allie blow. 1 " Invome casas the Fracker exhibits no marks of discuse of any kins. with cas not to the morniound above affected to there wa diewity of okinion some our that difections neways esteriet it whilst others were that it is of com. paratively ran economics, to the princion I feel dishere to give cultona, Iwour there few, consuler it as



i van occurrence Vision iffect, not a curse of the disease.

Fruit ment, Turious have been the Accountive views with respect to the best mode of beating this comes. . Maint, " this want of corneidence in the minds of versa practeliones still apprearate be estant. In the howent case, I shall hasten to pajo on, to take notice of such means, which to me abjune the most judicionaly adapter to mest the inilica . : home of the case, viz Subden of casm, remove in Hammation V confirm convalescence. A may no be amis for me to mention that in this hillsow disease we ratio in its progress, too often fulai in ets lermination, when timely remedie have not been ever, it behove us telese, no time in weng prompt Defficient remedies. They the Professor of the institutes & practice of medicine in this school we are taught with high loned confidence a memrod of managing this complaint that appears hithe to to have proven uniformly successo ini, I candows compels me to acknowledge, that it is to him Jam indeble for the views I have imbier with



respect to the mede of meninging thirdseen . But how Proust claim the privilege of decing to major the justice of stating, that in making up my mind on this point. Phave induscome to be led by the under standing, rather than bythe west we when it begin by endeavening to vomit the chito welly Justan & metic for this purker is prefereation the mean while the chelo should be placed in the warm bath, kept there joe lan or jeften minutes this is a very useful adjunct, in helping to promote the operation of the emetic; but should the ometic fail to sperate, or should the operation have prover inaffectual, es now bleeding whould be resorted to Vaftenevardo repeat the warm buth Temetic, this which must be very obstenate if it do not now yell I, the disease shoul still continue with little en no abatement, we are to have recourse to topul beat ment, vir, bleeding with wither beckes or cupied afterwards the application of a large blister from one . ear to the other; When the preceding rules fail, or the symptoms are very alarmens, we are then to bles Wil synoope takes place; this appears to be a bole



practice, but still abouch a juniture as a bove alluded to I would not hewitate a moment nor combine useg week means, considering the high aut horite we have for the practice of the happy consequences that attend it, or the dwal bearance of the house mule, wough I defloult respection Ve. But the whove plane isquite to the carry stage, tor vious to a sufficialed state of the pulmonary organs taking place: I'm disease being thew broken, which is evence by a umovalo, the preceding organistoms & andonation of the medical sewas estibility of the villem to the action of remedies, cutomit is advise to be given in the largest popule quantity in order Und it may the more operatily I welevely purge. we that it may curry of the lurking orymittorned therete andapar. The fent recinger hinea, w ummen -der as an expectorant when rough I hoa were fo with tightness of the chest defficulty of respiration remain if few droins of landanum given in Harsen tea is vais to have very valedary of fiction by quicking the cough that attentitue latter stages of the discove. Various articles are word in the decliringstages of this complaint



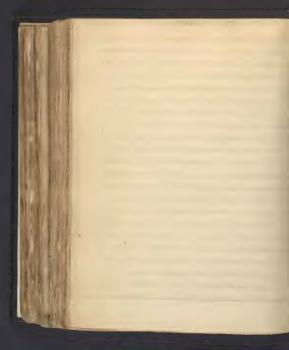
such as garlie digisted in vinegar, The liquid tolin a portion of honey: the tufoldige ever two tea, orgins by way of inpurion, sweetenis with liquorice or honey the supresper of squilles ye. Methorto the cases of Trachetis that have fallen undermy care, howebeen of the milder kind : Thave been able speedily to relieve them in every instance by the air of Dr. Costs hive superp, in conjunc. tion with the warm bath; One case, however occur last October, that attacked the child violently, I was called on about In Oclock in the morning in haste to see the thick veing a few hours after the attack; the thits busher. with very queat difficulty & has many marks of a vis wish attack, but fam harry to vay that by the use of This syrup I the warm bath, Pleft the hateint at ups in the morning fee from all the symptoms of the diswas Vacontinuance of the medicine as an expectorant, constituty astablishes her health; - The chili was near two years oil. - The vyrush I made according to the Duspenvatory . - I have now detailed that mode of treatment, which I would judge a visou, would be the most likely to subdue the fore Vestinguest the remains of Trachetis, the estility of which is fully



confirmed by the experience Italismony of some of the most able authorities we popoe for · Much how been said with respect to the whilety of saloned in this complaint, some we it let he exclusion win of every other remedy, 3th Hamilton, Professor of Medwifory, is a warm advocate for the peractice. an anight outforent hat he gave it with a temerar unus vani, were we not apprive of the insusceptible ity of the instern to remedial efforts; it is italic that two or three drachows of calomet have been given in This disease to a chile of two their views of within licenty four hours! line it was to be production of the most valedary effects. I have neveren solomes user for the cure of this complaint, but I have veen it was in another disease of the lungs, Timean Bothma) Wwith autonishing succeps. The ratient, a boy of this tun years of age has been tinneyed for veveral years with rothma, the disease yew worse almost daily, I vometimes, or weeks, he would be a perfect stanger to olup, moures in a horisontal position, all the isual unadies has been empione by his Physician, but with out any good effect last oummer, I was calle to ver



the patient, I found him labouring under the severet organitoms of arthma, Gunderstanding & wonders barred one what has been already done, I gave himlorge done Scalomed viz gox x or more, in the authority of . .. Chapman, & with a openly relief of the ograptoms; at the commencement of the paronyon was the time of gave it, the don was repealed two or three times I health established by means of preparations of iron, Judging from analogy, of the verelp of calomel in the above instance, fam inclined to think favoura. will of it in brough but as respects its moders sherande Scan vay little; but those seems to be some diversity Locationenson this point. Were I to judge from what Thave observed of the efects of calomel is some the diseases, welwere of broup I would judge that it acted water by nauseating relaying purking Vanging, & by this means our suing opasm & in -- Tammation by the kigh authority to whom I am as much indebted for the treatment I have heretofou mintiones, we are a found it is a very active expectorant, by which the broncheal repelle an enable to discharge their load of mucus.



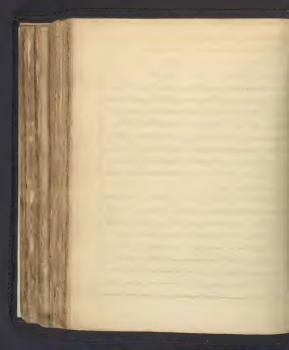
But there are some who de not look on broups as an in Hammaly affection, therefor administer balomes with a view to ile stimulating offices well as jung. Hby the advocates of this throng, the was of venuscation Whenied in this complaint avering that it notwelly down harm; from wuch notion; I must aver my dis went, unlight whould become consince by future experimental demonstration. Dr. Elistra Soith of Connecticut isays he him never met with more than one care of this disease, that was complice tweeth inflammation, Ithis rations he bled, it being the only instance in which he ble during aghtern years practice. Here I to use colomet in this dweave, I should certainly call in venticition, warm bath, Iblisters occasionally us coadjutow in ungent cases; I am acquainte with a very respectable Physician in this bity, that was a prescription that contains a large hortion of calomel Ilhe u will of his practice has been such as to affor him the highest valis faction with the remedy, death naver having taken place, were incumotances have bun wuch as to affore him and prospect of were:



The recipe I shall here e hibit. 1. Evater glass of antimony gr. XXN

6 st. ppt. _____ 3/p.

Buto. Speace ____ 3/p. N. and let it be divided into three equal parts & give one of them every half hour in a little vergant water, to a chito from one to two years ob, the date of intimomy to be increased in insportion to the advancement of the childs age I over vero; when the hube is very active he bleedo: from the encomurinis bustowes on the above remedy, I am in succe to believe it to be a very valuable prepara stion for broups, It is cornetiones of use to rub the thora; with some mbefacient application Advice adherence to the antiphlogistic reasmen whouls be enjoined. Inhaling vapour awing from warm water, with a small addition o, vinegar, may possibly be a good auxiliary both interpening the violence o the expanses & africting expectoration. The repar sulphuris has been brought forware as a sure for noup, but not much dependence appear at present



The place in the singly. In the propose I per punder when propose I per punded to a place to the protessal was to the secretary to the surface of the surfac

has been attached to this memorine, on the inspire My of the practice triball mercy observe, that from the fact weng judy accordance, that they man-

bane a very often counting the effectual means we project to of ma never other complaint, as well as the rectability that it will worn be reproduced if

unever by a surgect operation, Turn led to be were that the operation about be performed by any analy another not at all.

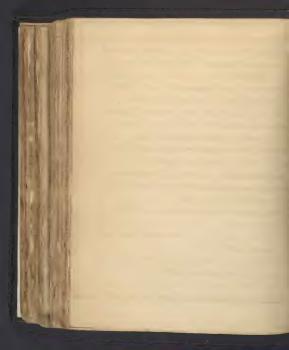
There alway mention in the yougoing part of this treater, that when this direar is it to un on for some time uninterripted it oftends itself down into the very purious afthe surge, present ving effects which charactering an interrupted disction inculation of blood through the lange, which from their loaded topperfor condition, are unable to execut their, and



wat the vane time mottle, the challs have a cir. umveribed Huch with some mixture of lividings The exescere prominent & inflamed, the justit is often widely dilater, attender with an expression of countenance will Thaggare. The respiration is now wither lavorious with a full distended webe, or the child sinking under the dis. cross, how his respiration to ther more tranquit with a weak irregular purbe. The cure as indicate by these orymptoms is to be conducted upon the plan of endeavouring to relieve the lunas Vastablistry in Veguable circulation which we must feast indeavour to fulfil by means of the warm bath, 2" Cometing with the most active emetics. 3rd. Venesection,

it Topical depletion by means of ups and luches to the chest

314 A blister over the whole charter some more aprealy variatory should be used. This treatment varies to be nearly synonymous with that recommender with problemage; but



some modification is new foury; care d'incums pue tion, must be paid with respect to the quantity of blood we detract, lest we reduce the orgotion below the point of reaction of the pulse will justify it, we may draw a little blood, wtill watching the effects on the oystern if the first bleeding be of any benefit, we may resort to it again from time to time: the quantity of half stagnant bloor in the lungs, detracting so much from the circulation, is a sufficient apology for ouch arcumo pection in the we of the lancet the subsequent treatment consists in the use of Expectorants & demulcents I the avoiding such means or causes as may occasion a relapse.

